

Oy 1340 tctgtcccccagggttcaagaagatctccgtgtccaaaccccggttagcttggaactaa 1399
 Db 217 TCCACCTCTCTGGGTTCAAGCGATTCTCTGCTCAACCTCCCGAGTAGCTGGGATTACG 158
 Oy 1400 gcg-----cacgcgccggtcaatttctgtattgttagtaga tgggggttcaccta 1451
 Db 157 GCGGGCGCACACAGCGCCGGCTAATTTTGGATTTTATAGAGAGCGGGTTTCACTAG 98
 Oy 1452 tttagcccgctgtgtcttgaacctccgtgaacctcaagtgatctccacaactccctctaa 1511
 Db 97 TTGGCCACGGCTGGCTCTTGAACCTCTGACCTCAGGTATCACCCACCTCGCGTCCCAA 38
 Oy 1512 gtgtgtggaattacaggaatgaatgacacggccggccggcc 1548
 Db 37 GTGCTGGGATTACAGGTGTGTAGCCACACAGCCCGCAGCC 1

```

RESULT 2
US-07-906-871-15/C
: Sequence 15, Application US/07906871
: Patent No. 5340739
:
GENERAL INFORMATION:
: APPLICANT: Stevens, Richard L.
: APPLICANT: Avraham, Shalom
: TITLE OF INVENTION: HEMATOPOIETIC CELL SPECIFIC
: TITLE OF INVENTION: TRANSCRIPTIONAL REGULATORY ELEMENTS OF SERGLYCIN AND USES
: TITLE OF INVENTION: THEREOF
: NUMBER OF SEQUENCES: 18
:
CORRESPONDENCE ADDRESS:
: ADDRESSEE: Sterne, Kessler, Goldstein & Fox
: STREET: 1225 Connecticut Avenue, N.W., Suite 300
: CITY: Washington
: STATE: DC
:
COUNTRY: USA
ZIP: 20036
:
COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.25
:
CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/906,871
: FILING DATE: 19920103
: CLASSIFICATION: 435
:
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/816,289
: FILING DATE: 03 JAN 1992
:
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/635,544
: FILING DATE: 18-JAN-1991
:
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/US89/03051
: FILING DATE: 13-JUL-1989
:
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/224,035
: FILING DATE: 13-JUL-1988
:
ATTORNEY/AGENT INFORMATION:
: NAME: Cimbala, Michele A.
: REGISTRATION NUMBER: 33,851
: REFERENCE/DOCKET NUMBER: 0627.2830004
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202)833-7533
: TELEFAX: (202)833-8716
: INFORMATION FOR SEQ ID NO: 15:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17327 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: both
: TOPOLOGY: linear
: MOLECULE TYPE: DNA
: FEATURE:
: NAME/KEY: exon

```

```

? LOCATION: 621..753
? FEATURE:
? NAME/KEY: inton
? LOCATION: 754..9596
? FEATURE:
? NAME/KEY: exon
? LOCATION: 9597..9744
? FEATURE:
? NAME/KEY: inton
? LOCATION: 9745..16396
? FEATURE:
? NAME/KEY: exon
? LOCATION: 16397..17322
? OS-07-906-87-1-15

```

Query Match	3.38;	Score 173.6;	DB 1;	Length 17327;
Best Local Similarity	77.28;	Pred. No. 8.9e-32;		
Matches 227; Conservative	0;	Mismatches 59;	Indels 8;	Gaps 1;

QY	1321	accgagatctacggaacctctgcccacaggttcaaaacaattctccgtctaaagcccc	1380
Db	7766	ATCTCGGCTACTGCAACCTCTGCTCCAGGTTCAAGCGATTTCTGCTCAACCTCC	7707
QY	1381	cgcgtagcttggagctacaaagcgacgc-----cgcgctaattttgtatgtgttga	1432
Db	7706	CGAGTACCTGGAGTGAAGGTGCCCAATCATATCCAGCTAATTTTGTATTTTACTA	7647
QY	1433	gagatgggggttttaaccatatatagcccgctgtgtcttgaactcttgactctaaagtgatcca	1482
Db	7646	GGGATGGGGGTTTACCATTTGGCCAGGCTGTGTCGCAATCTGACTCAAGTGATCA	7587
QY	1493	ccaaccatcattccctcaaaagtgcttggaattaaagcatgagtcacgcgcgcgcgaag	1552
Db	7586	CCGCGCTCAATCTCCCAAGTGTGTGGATTACAGGTGTGAAGCACACACCCGGCGAAA	7527
QY	1553	gtcagtgatttaataagaaataactgaaatglttctcctaaaccaacagggaaca	1606
Db	7526	GTACTTTTGTGAAAGAACAATGTGCACTTTAGAAAAAAGCTAATACTTAANA	7473

RESULT 3
: Sequence 101, Application US/08687080
: Patent No. 5965427
: GENERAL INFORMATION:
: APPLICANT: Gregory Dolganov
: TITLE OF INVENTION: Human RAD50 Gene and Methods of Use Thereof
: NUMBER OF SEQUENCES: 175
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dehlinger & Associates
: STREET: 350 Cambridge Avenue, Suite 250
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94306
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/687,080
: FILING DATE: 17-JUL-1996
: CLASSIFICATION: 435
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 08/592,126
: FILING DATE: 26-JAN-1996
: ATTORNEY/AGENT INFORMATION:
: NAME: Sholtz, Charles K.
: REGISTRATION NUMBER: 38,615
: REFERENCE/DOCKET NUMBER: 4600-0111.30
: TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 5543 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 3' END OF INTRON 19 OF RAD50 GENOMIC
INDIVIDUAL ISOLATE: SEQUENCE
US-08-687-080-101

Query Match 3.2%; Score 169; DB 4; Length 5543;
Best Local Similarity 80.1%; Pred. No. 6.7e-31;
Matches 214; Conservative 0; Mismatches 45; Indels 8; Gaps 1;

OY 1321 acctgagctcactgcaactctgctccccaaggttcaagcaattctctctcagctcc 1380
DB 885 ATCTGGGCTCACTGCATCTGCTCCAGGTTCAAGGATTCTCTGCTCAGCTCC 826
OY 1381 cgcgtagctggaactacagcg-----caagccggctaattttgtatgtagta 1432
DB 825 TAGTAGTACCTGGGATTACAGGCGGCTGTACACACCTGGCTAATTTTCTATTAGTA 766
OY 1433 ggaatgagggtttacacacataatgacccgctgcttgaactcctgaacctgaagtgatca 1492
DB 765 GAGATGGGGTTTACCATATGTGGCAGGCTAGTCTGAACTCCTGACCTGAGTGAATCG 706
OY 1493 cccacctcagctctctaaagtctggtatgaagggcatgatacggcgccggccaag 1552
DB 705 TGTGCTTGCCCTCCCAAGTGTGGGATTACAGCATGATGATGCGCTGCTCCT 646
OY 1553 gtcagtgcttaataagaataactga 1579
DB 645 CTCTTATTGACTACTAGATCTTCA 619

RESULT 4
US-08-395-800A-7/c

; Sequence 7, Application US/08395800A
; Patent No. 5807732
; GENERAL INFORMATION:

; APPLICANT: LOWE, JOHN B
; APPLICANT: LENNON, GREGORY
; APPLICANT: ROUQUIER, SYLVIE
; APPLICANT: GIORGI, DOMINIQUE
; APPLICANT: KELLY, ROBERT J
; TITLE OF INVENTION: GDP-L-FUCOSE: BETA-D-GALACTOSIDE
; TITLE OF INVENTION: 2-ALPHA-L-FUCOSYLTRANSFERASES, DNA SEQUENCES ENCODING THE
; TITLE OF INVENTION: SAME, METHOD FOR PRODUCING THE SAME AND A METHOD OF
; TITLE OF INVENTION: GENOTYPING A PERSON
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: USA
; ZIP: 22202

; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/395,800A
; FILING DATE: 28-FEB-1995
; CLASSIFICATION: 435

TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 2115 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 64..1092
US-08-395-800A-7

Query Match 3.1%; Score 165; DB 2; Length 2115;
Best Local Similarity 76.3%; Pred. No. 4e-30;
Matches 219; Conservative 0; Mismatches 60; Indels 8; Gaps 1;

OY 1281 ggttgagggtcgtgtcttacaacctaccctgtatgtcttacaactgaagctcaact 1340
DB 1522 GAGTCTTGCTGTGTCACCCAGGCTGAGTGCAGCGCACCATCTGGCTCACTGCAACT 1463
OY 1341 ctgcctccaggttcaagcaattctctcagacctcccgtagctggaactacaag 1400
DB 1462 CCGCTCTGGGTTCAAGATGATCTTCTGCTCAGCTCCAGATGCTGGGATTACAAAG 1403
OY 1401 cg-----caagccggctaattttgtatgtatgtatgaagatgagggtttacacata 1452
DB 1402 TGGCACACACACCGCTGCTAATTTTGTATTTTATGATGAGATGGGGTTTACCATGT 1343
OY 1453 tagccgagctgcttctgaactcctgaactcaaggtatcacaccacctcaagctctaa 1512
DB 1342 TGGCAGGCTAGCTTGAATCTCTGACCTCAAGTATCCACACCCCTGCTCCCAAG 1283
OY 1513 tgcctggatcacagcatgatacagcgccggccaaggtcagt 1559
DB 1282 TGGGAGATTACAGCATGATGACGACACCGCAGGCGCACTGTTCACTG 1236

RESULT 5
US-08-480-784-20

; Sequence 20, Application US/08480784
; Patent No. 5693473
; GENERAL INFORMATION:

; APPLICANT: SKOLNICK, MARK H.
; APPLICANT: GOLDBERG, DAVID E.
; APPLICANT: MIKI, YOSHIO
; APPLICANT: SWENSON, JEFF
; APPLICANT: KEMD, ALEXANDER
; APPLICANT: HARSHMAN, KEITH D.
; APPLICANT: SHATLUCK-ELIDENS, DONNA M.
; APPLICANT: TAVLIGIAN, SEAN V.
; APPLICANT: WISEMAN, ROGER W.
; APPLICANT: PUTREAL, P. ANDREW
; TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
; TITLE OF INVENTION: Susceptibility Gene
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005

; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,784
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-480-784-20

Query Match	Similarity	3.1%	Score 164.6	DB 2	Length 6769
Best Local	84.4%		Pred. No. 8.3e-30		
Matches	200	Conservative	0	Mismatches	29
				Indels	8
				Gaps	1
QY	1321	acctgagctcactgtaaacctctgcctccagggttaagaacatctctcgtctcaagcctcc	1380		
Db	5509	ATTCATCCTTCGCCGAAGTGTGCTCTCCAGGTTAAGCATTCTCTCCACCTCT	5568		
QY	1381	cgcggaagcttggaactcaaggcg-----cagcgccggtatatttgatgttagta	1432		
Db	5569	CTAGTAGTGGGACTACAGGCGCGGCCACCCACCGCTAATTTTGTATTTTTAGTA	5628		
QY	1433	gagatggggttcacacatatagaccgagctggtctctgaactcctgacctcaagtgatcca	1492		
Db	5629	GAGATGGGGTTTACACATGTTGGCCAGGCTGTGCTTGAACATCATGACCTCAAGTGTGCA	5688		
QY	1493	cccacactaagctcctctaaagtgtctggaattaaagcagtagagtcacgcccggcca	1549		
Db	5689	CCCCGCTAGGCTCCCAAGAAGTCTGGAATTACAGGCTTGAAGCCACCGTGTCCACGCA	5745		

RESULT 6
US-08-483-553-20
Sequence 20, Application US/08483553
Patent No. 5709999
GENERAL INFORMATION:
APPLICANT: Koldnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamp, Alexander
APPLICANT: Hartman, Keith D.
APPLICANT: Shattuck-Eldens, Donna M.
APPLICANT: Tavtigian, Sean V.

```

1 APPLICANT: Wiseman, Roger W.
2 APPLICANT: Futreal, P. Andrew
3 TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
4 TITLE OF INVENTION: Susceptibility Gene
5 NUMBER OF SEQUENCES: 85
6 ADDRESS:
7 CORRESPONDENCE ADDRESS:
8 STREET: 1201 New York Avenue, N.W., Suite 1000
9 CITY: Washington
10 STATE: DC
11 COUNTRY: USA
12 ZIP: 20005
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: Floppy disk
15 COMPUTER: IBM PC compatible
16 OPERATING SYSTEM: PC-DOS/MS-DOS
17 SOFTWARE: PatentIn Release #1.0, Version #1.30
18 CURRENT APPLICATION DATA:
19 APPLICATION NUMBER: US/08/483,553
20 FILING DATE:
21 CLASSIFICATION: 435
22 PRIOR APPLICATION DATA:
23 APPLICATION NUMBER: US 08/409,305
24 FILING DATE: 24-MAR-1995
25 PRIOR APPLICATION DATA:
26 APPLICATION NUMBER: US 08/348,824
27 FILING DATE: 29-NOV-1994
28 PRIOR APPLICATION DATA:
29 APPLICATION NUMBER: US 08/308,104
30 FILING DATE: 16-SEP-1994
31 PRIOR APPLICATION DATA:
32 APPLICATION NUMBER: US 08/300,266
33 FILING DATE: 02-SEP-1994
34 PRIOR APPLICATION DATA:
35 APPLICATION NUMBER: US 08/289,221
36 FILING DATE: 12-AUG-1994
37 ATTORNEY/AGENT INFORMATION:
38 NAME: Ihnen, Jeffrey L.
39 REGISTRATION NUMBER: 28,957
40 REFERENCE/DOCKET NUMBER: 24884-109347
41 TELECOMMUNICATION INFORMATION:
42 TELEPHONE: 202-962-4810
43 TELEFAX: 202-962-8300
44 INFORMATION FOR SEQ ID NO: 20:
45 SEQUENCE CHARACTERISTICS:
46 LENGTH: 6769 base pairs
47 TYPE: nucleic acid
48 STRANDEDNESS: double
49 TOPOLOGY: linear
50 MOLECULE TYPE: DNA (genomic)
51 HYPOTHETICAL: NO
52 ANTI-SENSE: NO
53 ORIGINAL SOURCE:
54 ORGANISM: Homo sapiens
55 US-08-483-553-20

```

	Query Match	3.1%	Score 164.6:	DB 2:	Length 6769;	
	Best Local Similarity	84.4%:	Pred. No. 8.3e-30:			
	Matches	200:	Conservative	0:	Mismatches 29;	Indels 8; Gaps 1;
Oy	1321	acctagctcaatggaactctgtccctccagglttaagaacattctctcgtctcagaactcc	1380			
Db	5509	ATCTCACTCTCCGACAGCTGTGCCTCCAGAGTTGAAGCATATCTCGCTCAGACTCT	5568			
Oy	1381	cgcgtagctgggaactacaagcg-----cagcgcggctaatttttgtatttgtagta	1432			
Db	5569	CTAGTAGCTGGGACATACAGGCCGCCACACCACCCGGCTAATTTTTGATATTTTAA	5628			
Oy	1433	gagatgggggttcaccatatattagcccggcgttggctcttgaaatccttgaacctcagaagtatcca	1492			
Db	5629	GAGATGGGGTTTCACCATATGTTGGCCAGGCTGGTCTTGAACTATATACCTCAAGTGGTCCA	5688			

TELEFAX: 202-962-8300
APPLICATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-483-5548-20

Query Match 3.1%; Score 164.6; DB 2: Length 6769;
Best Local Similarity 84.4%; Pred. No. 8.3e-30;
Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcaactctgctcccgaggttcaagcaattctctctcagctcc 1380
DB 5509 ATCTCACCCTCTCCGACAGCTGTGCTCCAGGTTGAAGCCATACCTCTCCCTCAGCCTCT 5568
QY 1381 cgcgtagctggagactacagcg-----caagcccgctaattttgtatgtagta 1432
DB 5569 CTAGTAGCTGGGAGCTACAGCGCGCCGACACACCCGGGTATTTTGTATTTTAGTA 5628
QY 1433 gagatggggtttcaccatttagccgctgtcttgaactcctgacctcaggtatcca 1492
DB 5629 GAGATGGGGTTTCACCATGTGGCCAGGCTGTGCTTGAACCTCATGACCTCAAGTGTCCA 5688
QY 1493 cccacctcagctccctaaagtctgagattacagagatgacagcgcccgccca 1549
DB 5689 CCGGCTCAGCCTCCCAAGTGTGTAATTACAGGCTTAGCCACCGTCCAGCAA 5745

RESULT 9

US-08-488-011B-20
Sequence 20, Application US/08488011B
Patent No. 5753441
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,011B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347-09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-488-011B-20

Query Match 3.1%; Score 164.6; DB 2: Length 6769;
Best Local Similarity 84.4%; Pred. No. 8.3e-30;
Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcaactctgctcccgaggttcaagcaattctctctcagctcc 1380
DB 5509 ATCTCACCCTCTCCGACAGCTGTGCTCCAGGTTGAAGCCATACCTCTCCCTCAGCCTCT 5568
QY 1381 cgcgtagctggagactacagcg-----caagcccgctaattttgtatgtagta 1432
DB 5569 CTAGTAGCTGGGAGCTACAGCGCGCCGACACACCCGGGTATTTTGTATTTTAGTA 5628
QY 1433 gagatggggtttcaccatttagccgctgtcttgaactcctgacctcaggtatcca 1492
DB 5629 GAGATGGGGTTTCACCATGTGGCCAGGCTGTGCTTGAACCTCATGACCTCAAGTGTCCA 5688
QY 1493 cccacctcagctccctaaagtctgagattacagagatgacagcgcccgccca 1549
DB 5689 CCGGCTCAGCCTCCCAAGTGTGTAATTACAGGCTTAGCCACCGTCCAGCAA 5745

RESULT 10

PCT-US95-10202-20
Sequence 20, Application PC/TUS9510202
GENERAL INFORMATION:
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Simard, Jacques
APPLICANT: Eml, Mitsuru
APPLICANT: Nakamura, Yusuke
APPLICANT: Durocher, Francine
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms
TITLE OF INVENTION: In the 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA

[illegible]

RESULT 12
PCT-US95-10220-20
Sequence 20, Application PC/TU9510220
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Elidens, Donna M.
APPLICANT: Tavligian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: Method for Diagnosing a
NUMBER OF INVENTION: Predisposition for Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10220
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:

? TELEPHONE: 202-962-4810
 ? TELEFAX: 202-962-8300
 ? INFORMATION FOR SEQ ID NO: 20:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 6769 base pairs
 ? TYPE: nucleic acid
 ? STRANDEDNESS: double
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: DNA (genomic)
 ? HYPOTHEetical: NO
 ? ANTI-SENSE: NO
 ? ORIGINAL SOURCE:
 ? ORGANISM: Homo sapiens
 ? PCT-US95-10220-20

Query Match	3.1%	Score 164.6;	DB 6;	Length 6769;
Best Local Similarity	84.4%	Pred. No. 8.3e-30;		
Matches	200;	Conservative	0;	Mismatches 22; Indels 8; Gaps 1

QY	1321	acctgagctcactgcgaacctctgcctcccaagttcaagaacatctctctgctcgaagctcc	1380
Db	5509	ATCTCACTCTTCGCCAAGCTGTGCTCCACGGTTAAGGCAATCTCTCCACAGCTCT	5568
QY	1381	cgcgagcttgagactcaagcgcg-----cagcgccggctaatctttgatgttagta	1432
Db	5569	CTAGTAGCTGGGACTACAGGCGCGCCACCAACCGCTAATTTTATTTTATTTAGTA	5628
QY	1433	gagatggggttcacacatatagaccggctgtgtcttgaaactcctgactcagaagtatcca	1492
Db	5629	GAGATGGGGTTTACACCAATGTTGGCCAGGCTGTCTTTGAACATCATGACCTCAAGTGTCCA	5688
QY	1493	cccacctcaagctcctctaaagtgctgtggaattaaaggcattgagtcacccggcccgccca	1549
Db	5669	CCCGCTACGCTCCCAAGAAGTCTGGAATTAAGGCTTGAGCCACCGTGCACAGCA	5745

RESULT 13
US-08-457-254-5
: Sequence 5, Application US/08457254
: Patent No. 5986049
: GENERAL INFORMATION:
: APPLICANT: Forstrom, John W
: APPLICANT: Lofton-Day, Catherine E
: APPLICANT: Lok, Si
: TITLE OF INVENTION: PURIFIED THROMBOPOIETIN AND METHOD OF
: MAKING IT
: NUMBER OF SEQUENCES: 24
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: ZymoGenetics, Inc.
: STREET: 1201 Eastlake Avenue East
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98102
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentln Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/457,254
: FILING DATE:
: CLASSIFICATION: 514
: ATTORNEY/AGENT INFORMATION:
: NAME: Parker, Gary E
: REGISTRATION NUMBER: 31,648
: REFERENCE/DOCKET NUMBER: 94-11C1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 206-442-6673
: TELEFAX: 206-442-6678
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:

LENGTH: 4823 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(632..644, 876..1003, 1290..1376, 3309..3476,
US-08-457-254-5)
LOCATION: 3713..4375)

Query Match 3.1% Score 163.6; DB 4; Length 4823;
Best Local Similarity 81.3%; Pred. No. 1.2e-29;
Matches 205; Conservative 0; Mismatches 39; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcaacctctgctcccaaggttcaagcaattctctgtctcagctcc 1380
DB 2710 ATCTCAACTCAGTCAAGCTCAGCTCCGGATTCAAGCATTCCTCTGCTCAGTCTCC 2769
QY 1381 cgcgtagctggagactcaagcgac-----gcccgctaattttgtatgttagta 1432
DB 2770 CAAGTAGCTGGGATTACAGGTGCCACACCATGCCAGCTAATTGTGTATTGTGGTA 2829
QY 1433 gagatgggtttcaccatatagcccgctgtcttgaacctcgaacctgaagtgatcca 1492
DB 2830 GAGATGGGTTTACCATGTGTGGGAGGCTGATCTGAACTCCTGACTCAGTGATCCA 2889
QY 1493 cccacctcagctctcctaaagtctgggattacagagcatgagtcagcgccggccaag 1552
DB 2890 CCTGCTCAGCTCCCAAGTGTGGGATTACAGCGGTGAGCCACGACCCAGCTTCA 2949
QY 1553 gtcagtgctttaa 1564
DB 2950 TTCAGTTTAAAA 2961

RESULT 14

US-08-484-257-20
Sequence 20, Application US/08484257
Patent No. 5989537
GENERAL INFORMATION:
APPLICANT: HOLLY, Richard D.
APPLICANT: Lok, Si
APPLICANT: Foster, Donald C.
APPLICANT: Hagen, Frederick S.
APPLICANT: Kausnansky, Kenneth
APPLICANT: Kuljper, Joseph L.
APPLICANT: Lofton-Day, Catherine E.
APPLICANT: Oort, Pieter J.
TITLE OF INVENTION: Methods for Stimulating Granulocyte/Macrophage Lineage Cells
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake E.
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,257
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31-648
REFERENCE/DOCKET NUMBER: 95-09
TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-442-6673
TELEFAX: 206-442-6678
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 4823 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(632..644, 876..1003, 1290..1376, 3309..3476,
US-08-484-257-20)
LOCATION: 3713..4375)

Query Match 3.1% Score 163.6; DB 4; Length 4823;
Best Local Similarity 81.3%; Pred. No. 1.2e-29;
Matches 205; Conservative 0; Mismatches 39; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcaacctctgctcccaaggttcaagcaattctctgtctcagctcc 1380
DB 2710 ATCTCAACTCAGTCAAGCTCAGCTCCGGATTCAAGCATTCCTCTGCTCAGTCTCC 2769
QY 1381 cgcgtagctggagactcaagcgac-----gcccgctaattttgtatgttagta 1432
DB 2770 CAAGTAGCTGGGATTACAGGTGCCACACCATGCCAGCTAATTGTGTATTGTGGTA 2829
QY 1433 gagatgggtttcaccatatagcccgctgtcttgaacctcgaacctgaagtgatcca 1492
DB 2830 GAGATGGGTTTACCATGTGTGGGAGGCTGATCTGAACTCCTGACTCAGTGATCCA 2889
QY 1493 cccacctcagctctcctaaagtctgggattacagagcatgagtcagcgccggccaag 1552
DB 2890 CCTGCTCAGCTCCCAAGTGTGGGATTACAGCGGTGAGCCACGACCCAGCTTCA 2949
QY 1553 gtcagtgctttaa 1564
DB 2950 TTCAGTTTAAAA 2961

RESULT 15

US-08-999-927-5
Sequence 5, Application US/08999927
Patent No. 6099830
GENERAL INFORMATION:
APPLICANT: Kausnansky, Kenneth
TITLE OF INVENTION: Methods of Stimulating Erythropoiesis
TITLE OF INVENTION: Using Hematopoietic Proteins.
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/999,927
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/347,748
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31-648
REFERENCE/DOCKET NUMBER: 94-09C2

